

Fig. 1

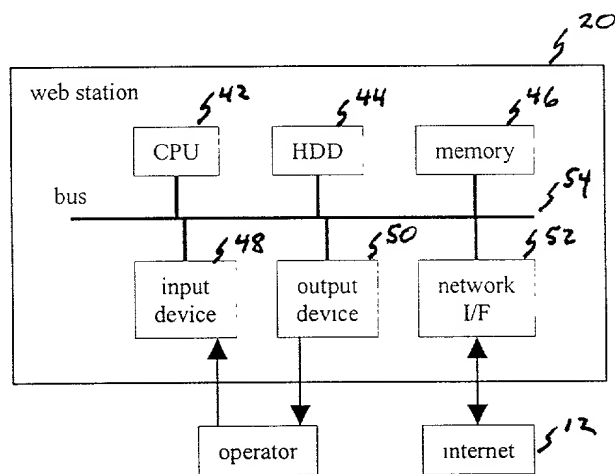


Fig. 2

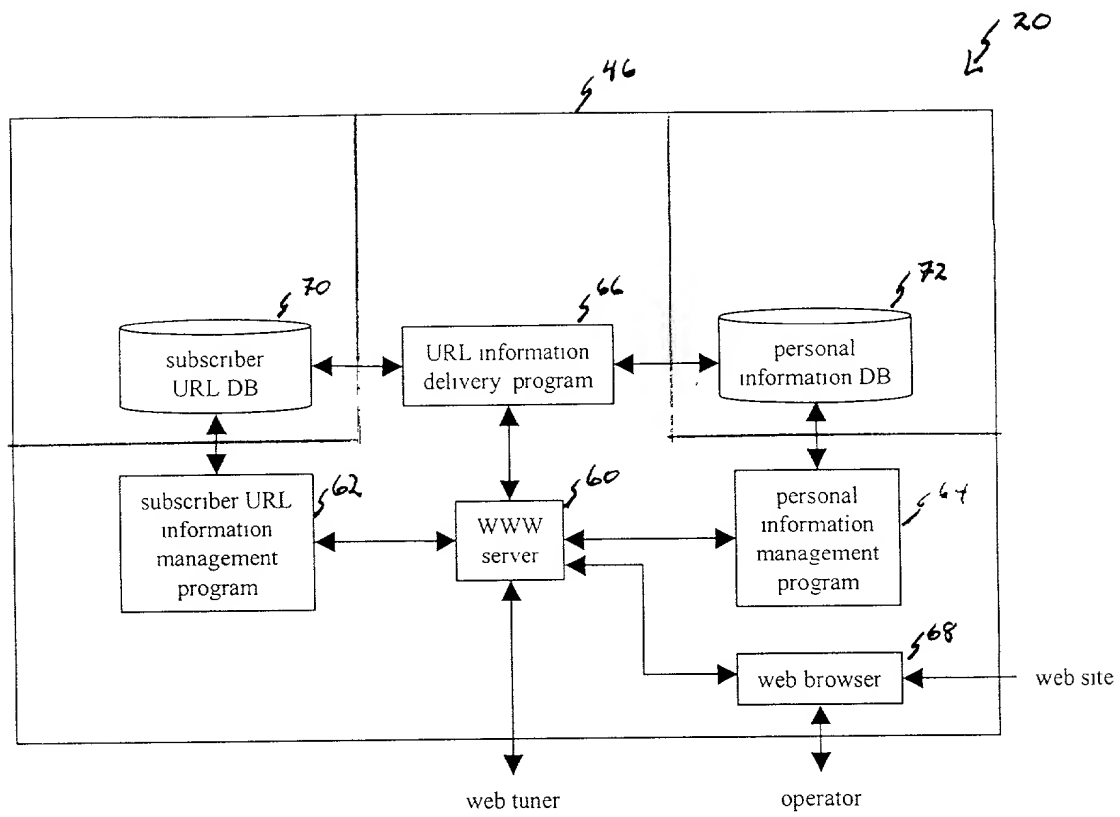


Fig. 3

user ID: ABCD1234 ~ 82
 first name Bill ~ 84
 last name Gates ~ 86
 street address . 100 1st ave ~ 88
 city . Seattle ~ 90
 state . WS ~ 92
 zip 98118 ~ 94
 country . US ~ 96
 phone # +1-800-123-4567 ~ 98
 language English, French ~ 102
 credit card # 1111-2222-3333-4444 ~ 100
 category to receive <English> - <news & media> - <headline> ~ 104
 <French> - <news & media> - <headline>
 <English> - <news & media> - <information technology>
 <English> - <sports> - <golf>
 <English> - <sports> - <basketball>
 <English> - <movie> - <action>

channel table:

~ 106

Fig. 4

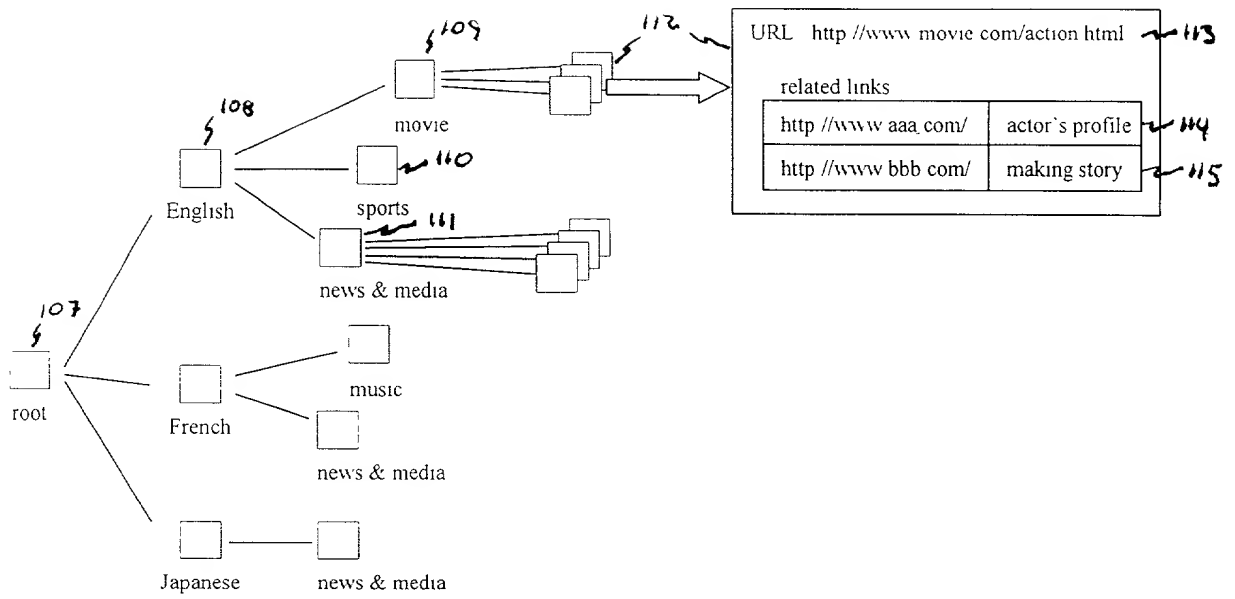


Fig. 5

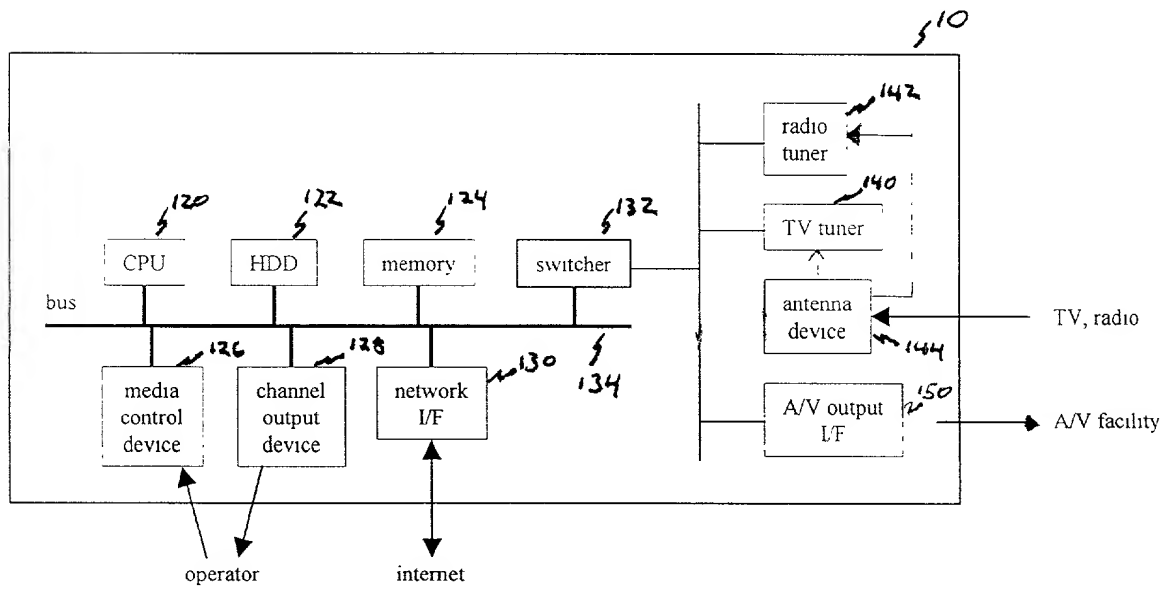


Fig. 6

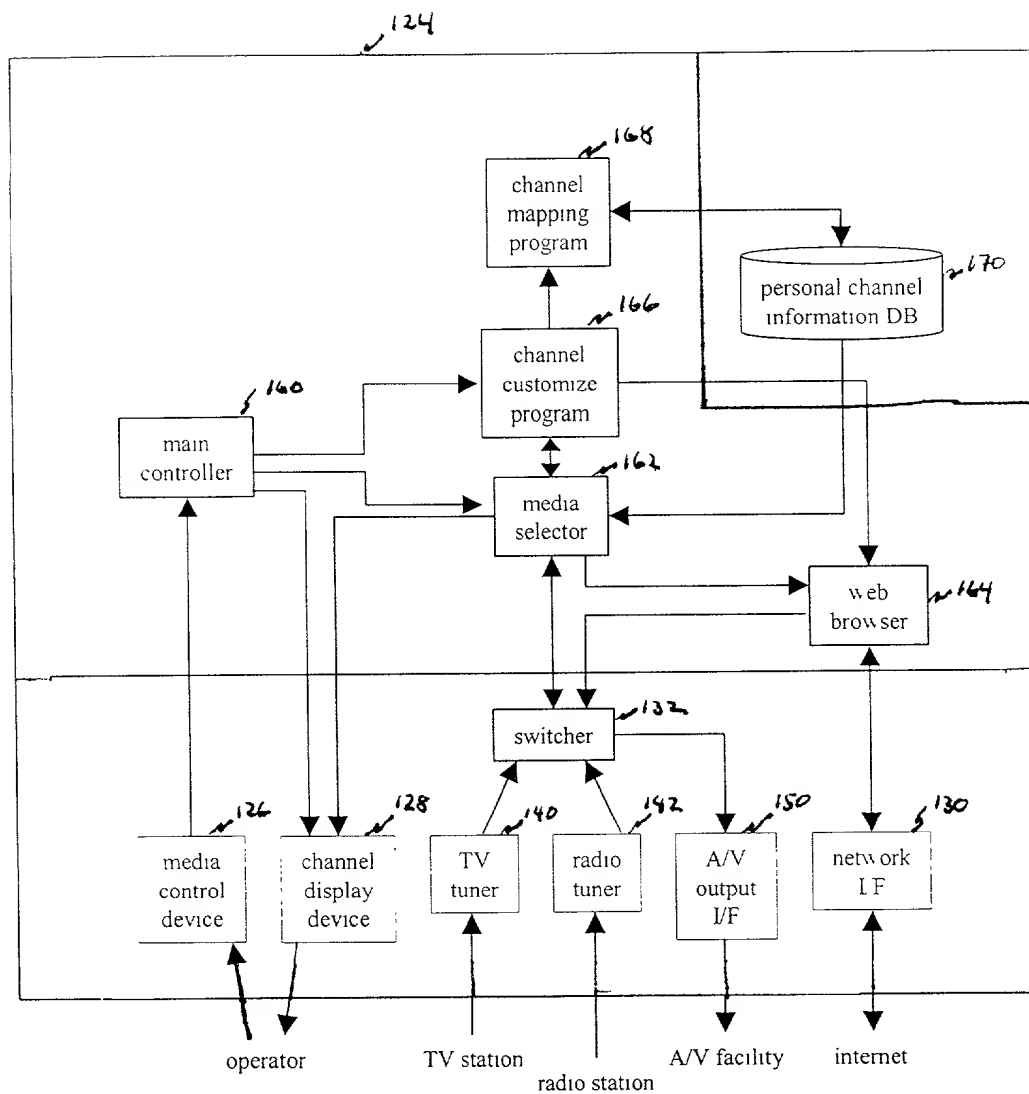


Fig. 7

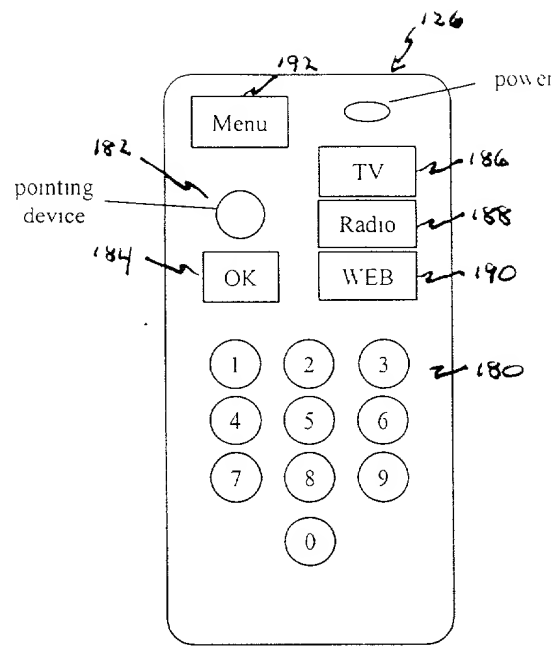


Fig. 8

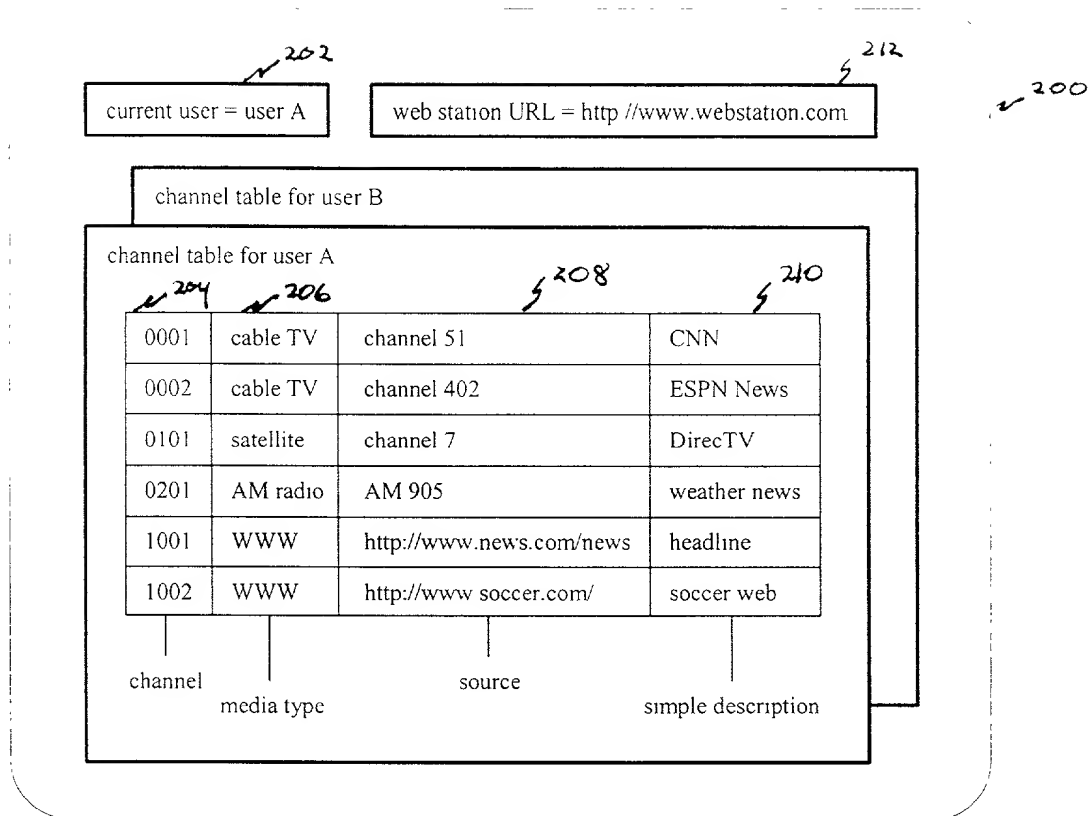


Fig. 9

0201	AM radio	AM 905	weather news
1001	WWW	http://www.news.com/news	headline
1002	WWW	http://www.soccer.com/	soccer web

channel media type source simple description

204 206 208 210




Fig. 10

channel select
customize
user

media type <TV> <radio> <web>
source input ()

related links

http://www.news.com/news	headline
http://www.soccer.com/	soccer web

0201	AM radio	AM 905	weather news
1001	WWW	http://www.news.com/news	headline
1002	WWW	http://www.soccer.com/	soccer web

220 224 226 222 230 232 234 240 242 244

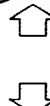


Fig. 11

channel select
customize ²⁵⁰
user

add this source into channel table ? <yes> <no>
 delete this source from channel table ? <yes> <no>
252

add content category to receive ?

◀
<news> <sports> <music> <entertainment>
▶

254

refresh channel table ? <yes> <no>
256

0201	AM radio	AM 905	weather news
1001	WWW	http://www.news.com/news	headline
1002	WWW .	http://www.soccer.com/	soccer web

↑ 258
↓

Fig. 12

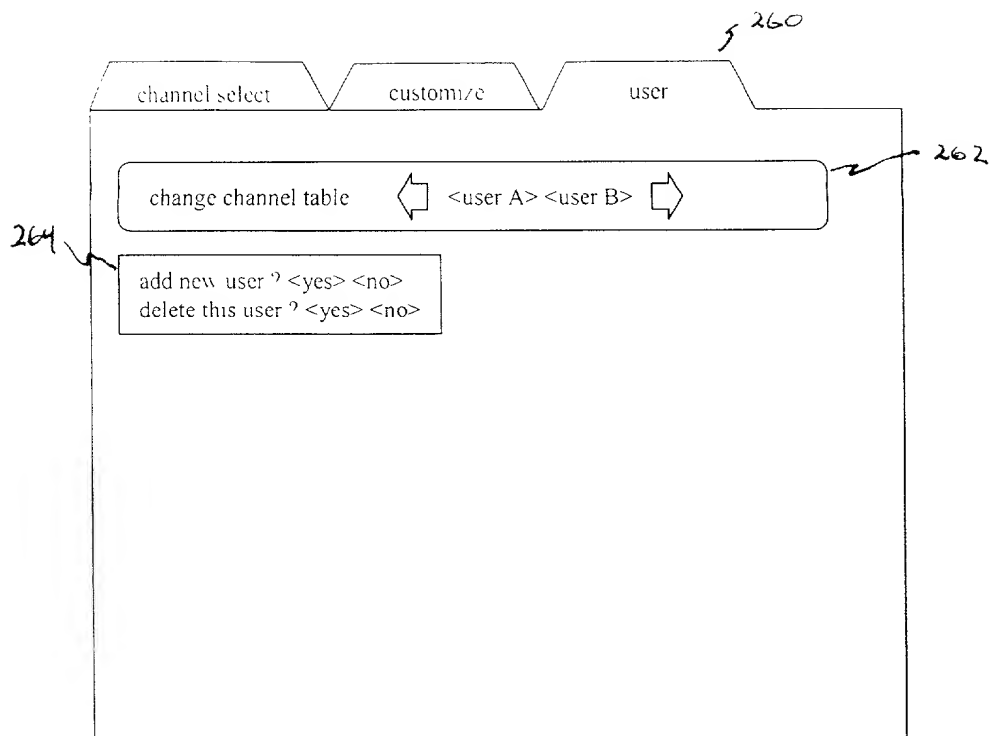


Fig. 13

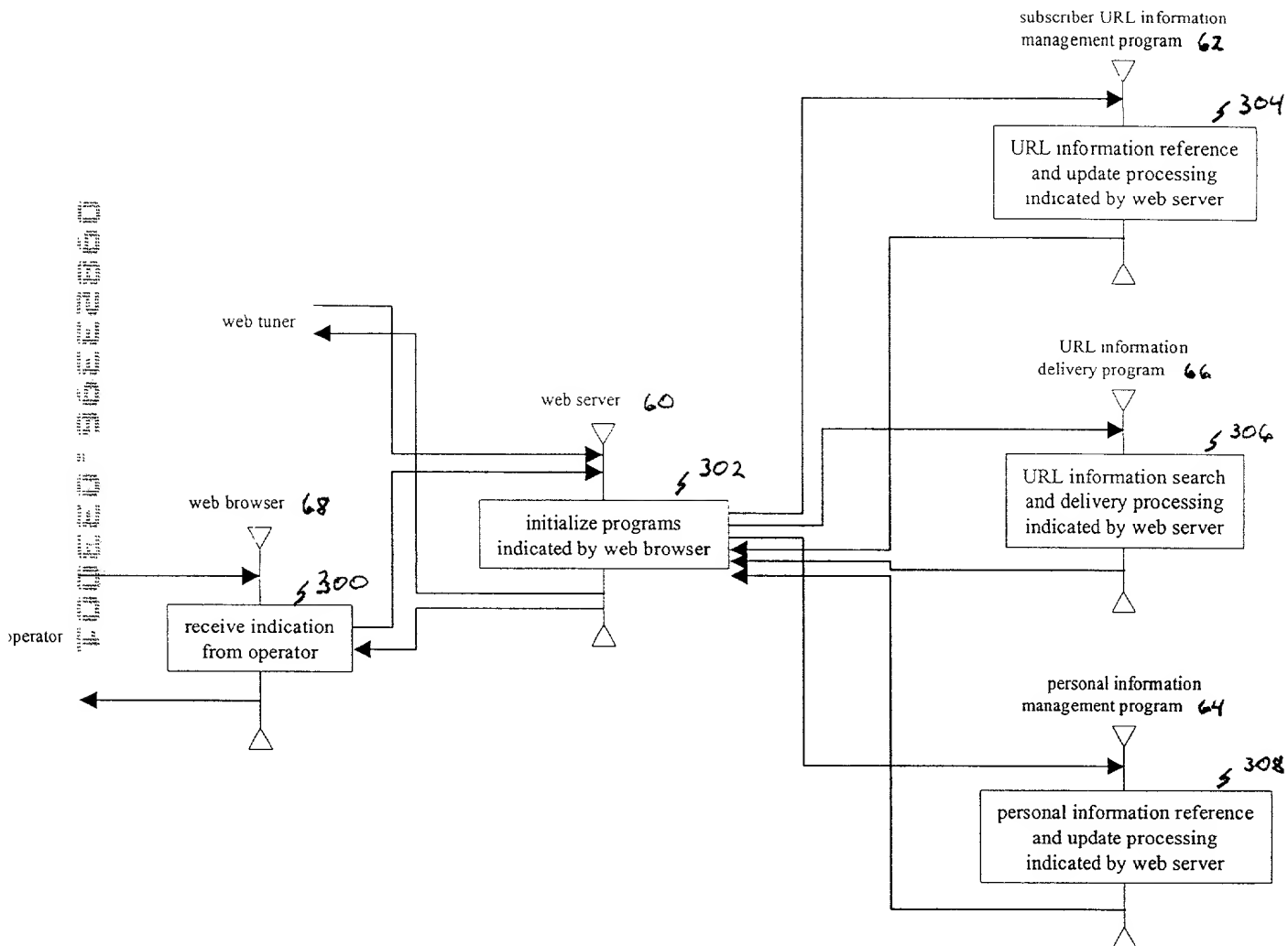


Fig. 14

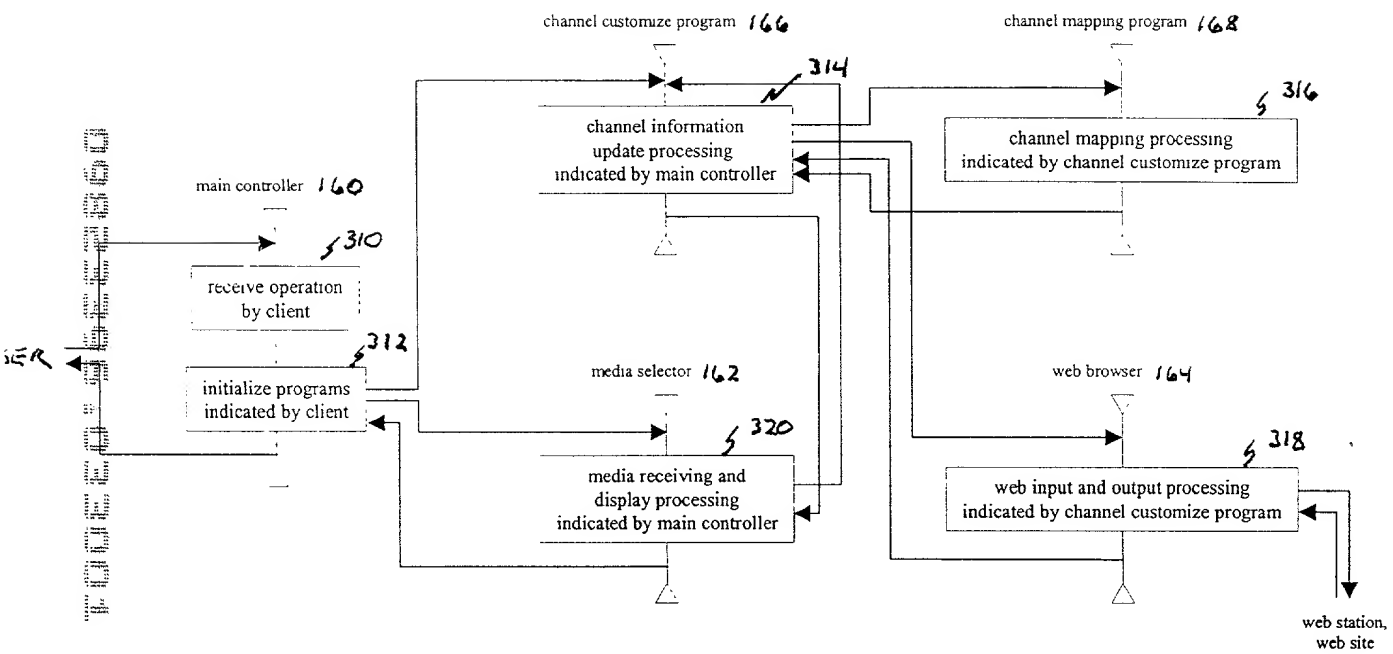


Fig. 15

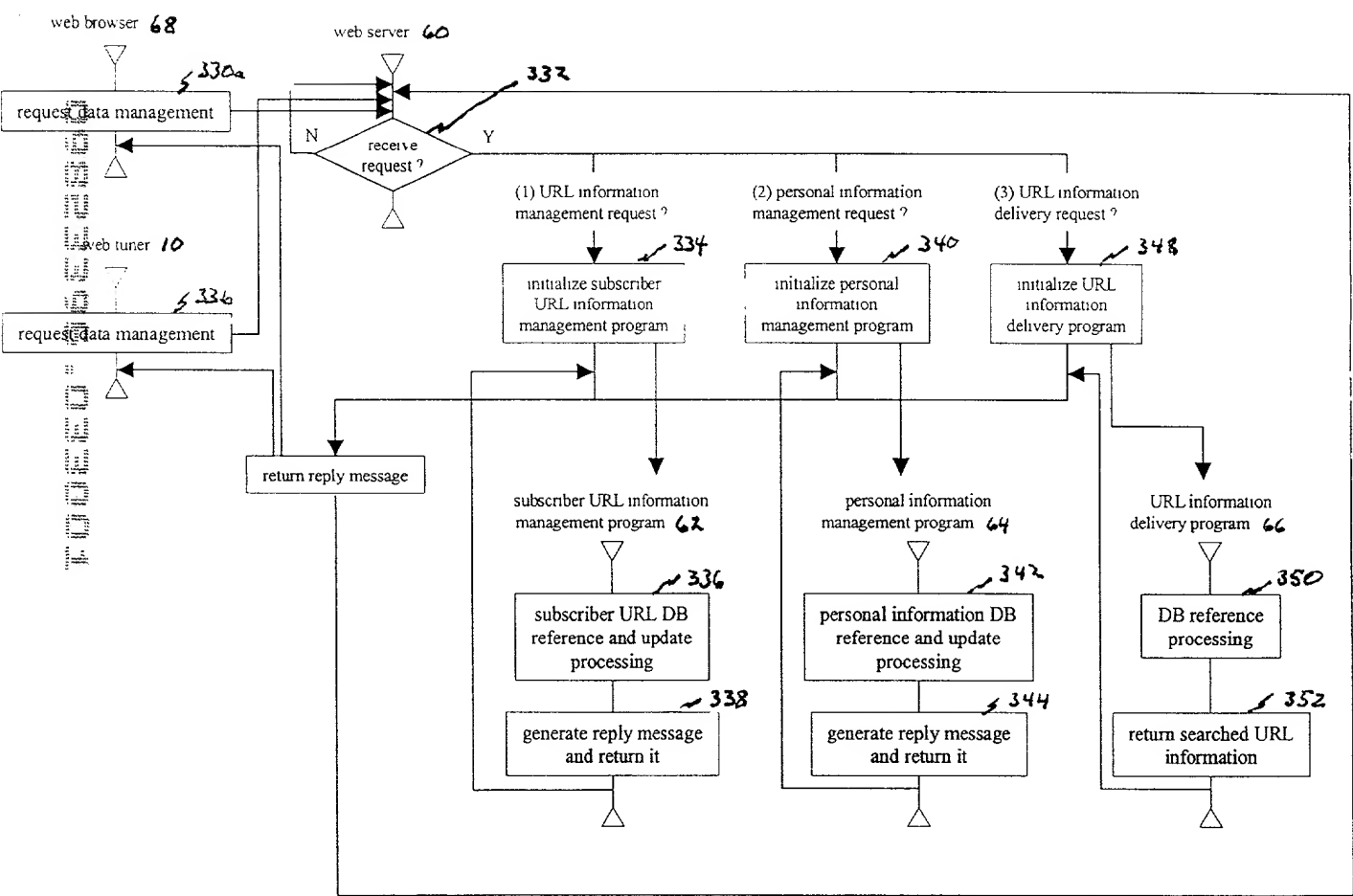


Fig. 16

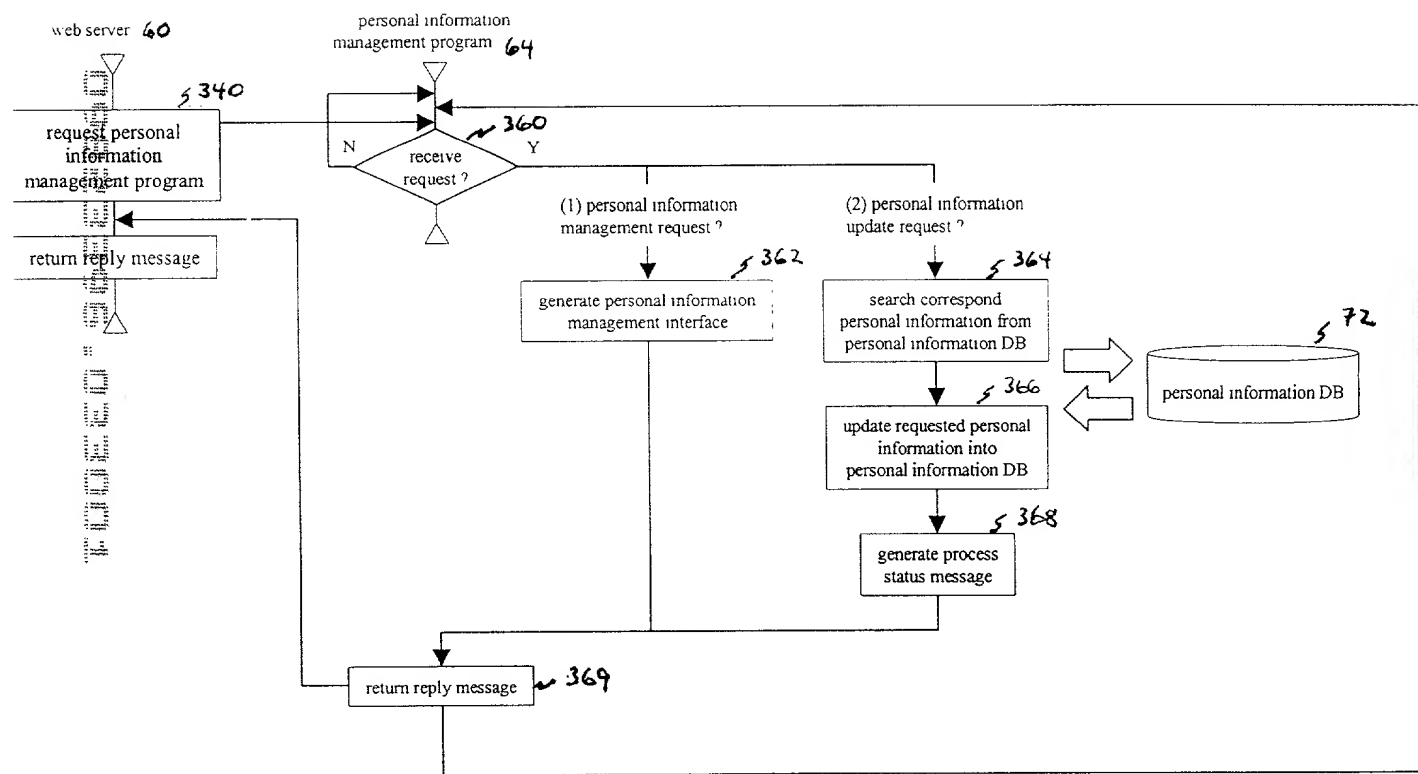


Fig. 17

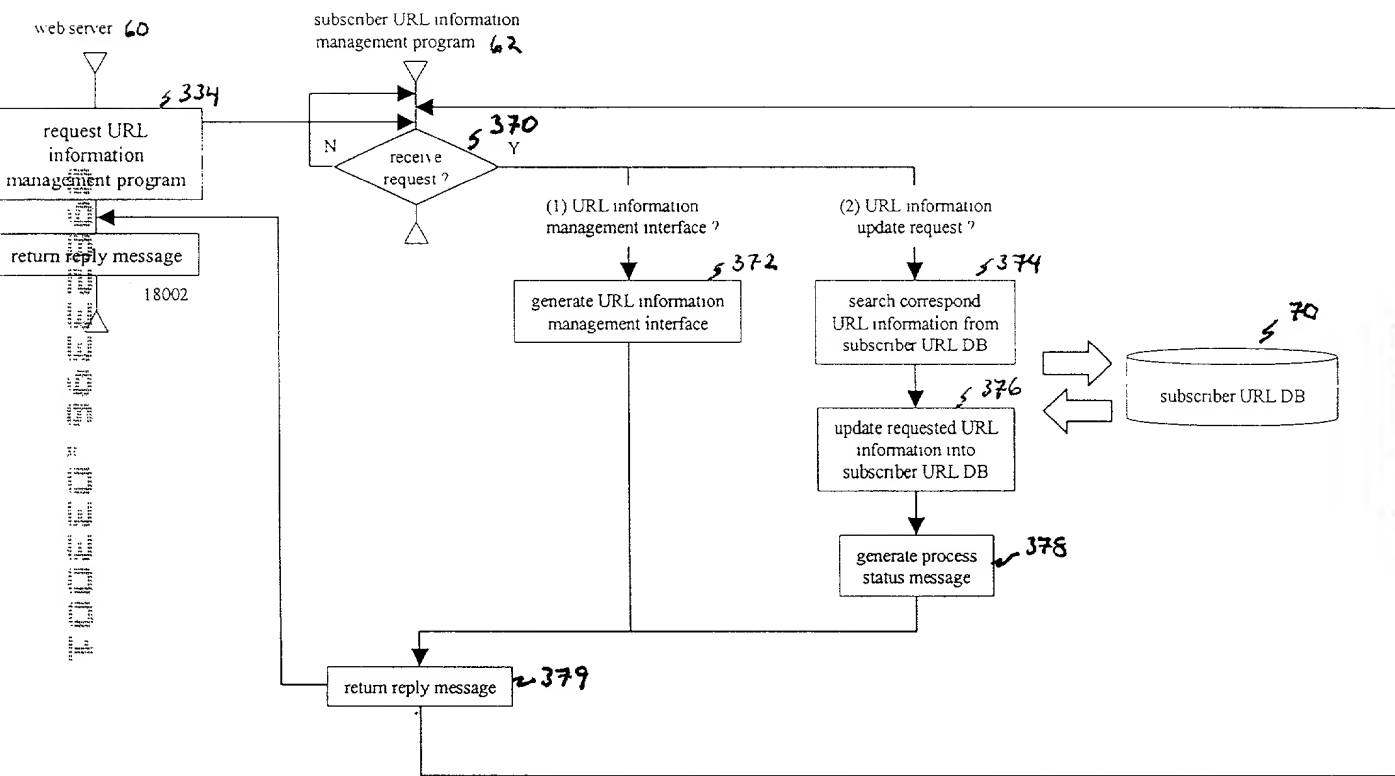


Fig. 18

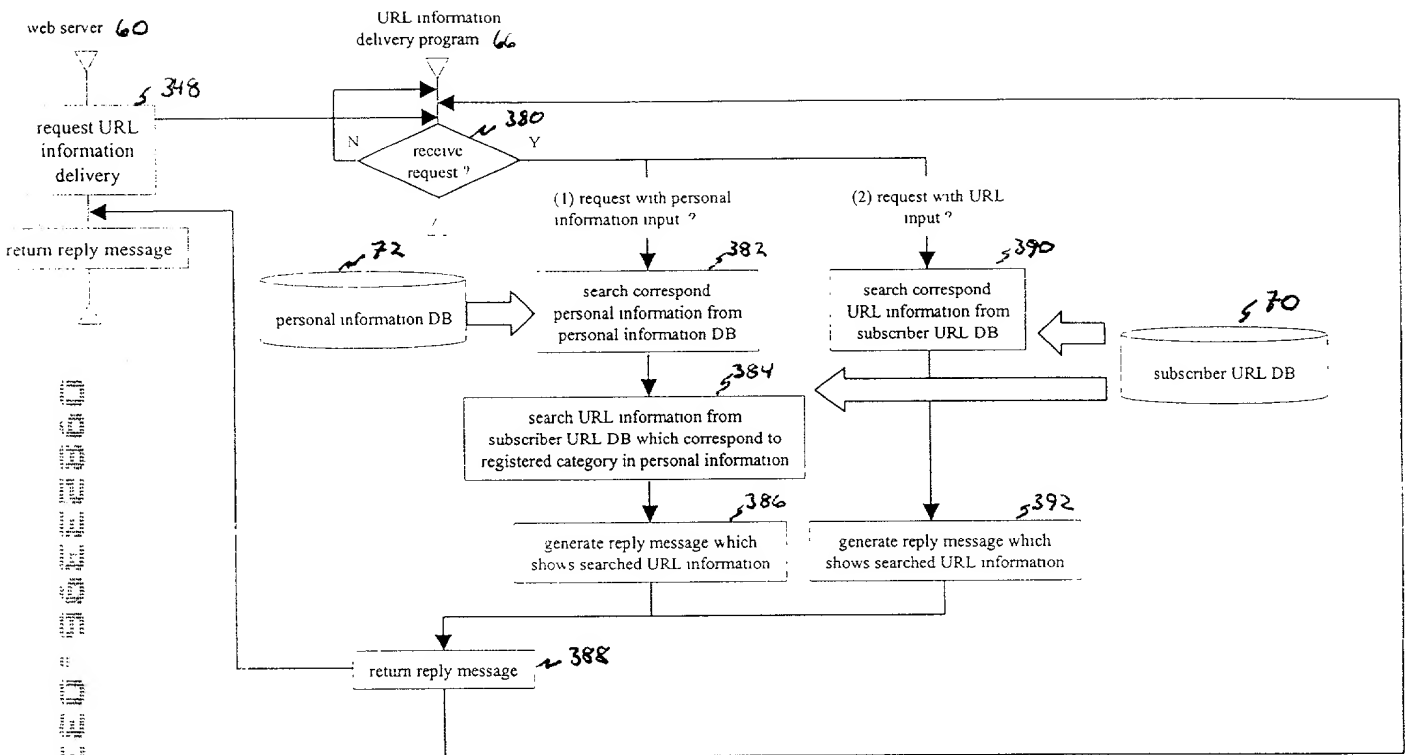


Fig. 19

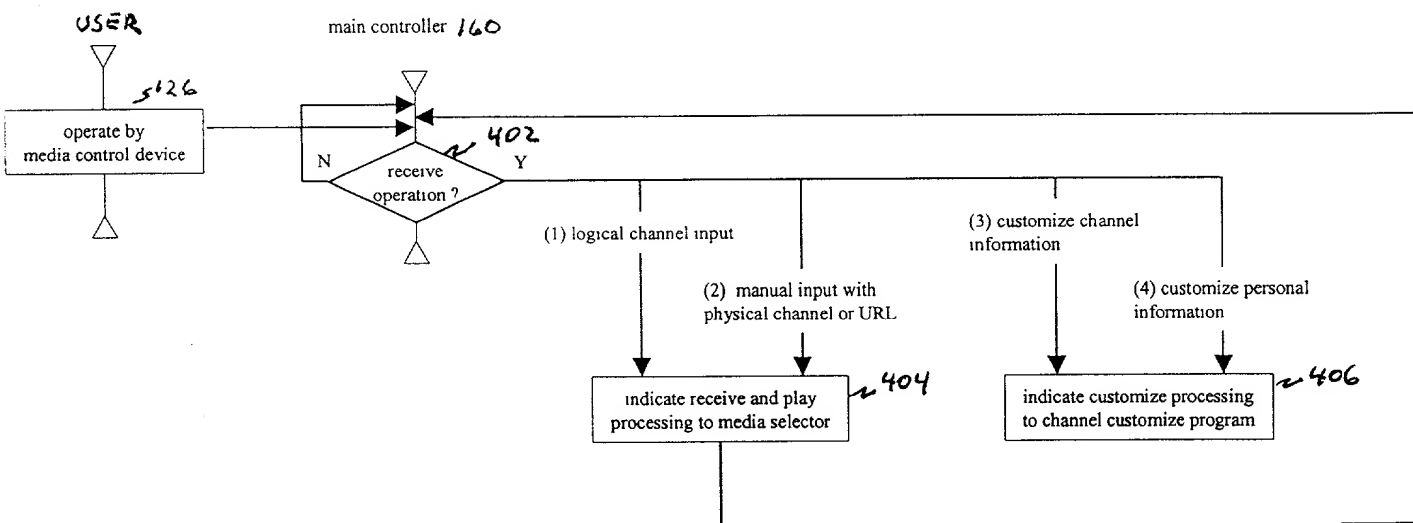


Fig. 20

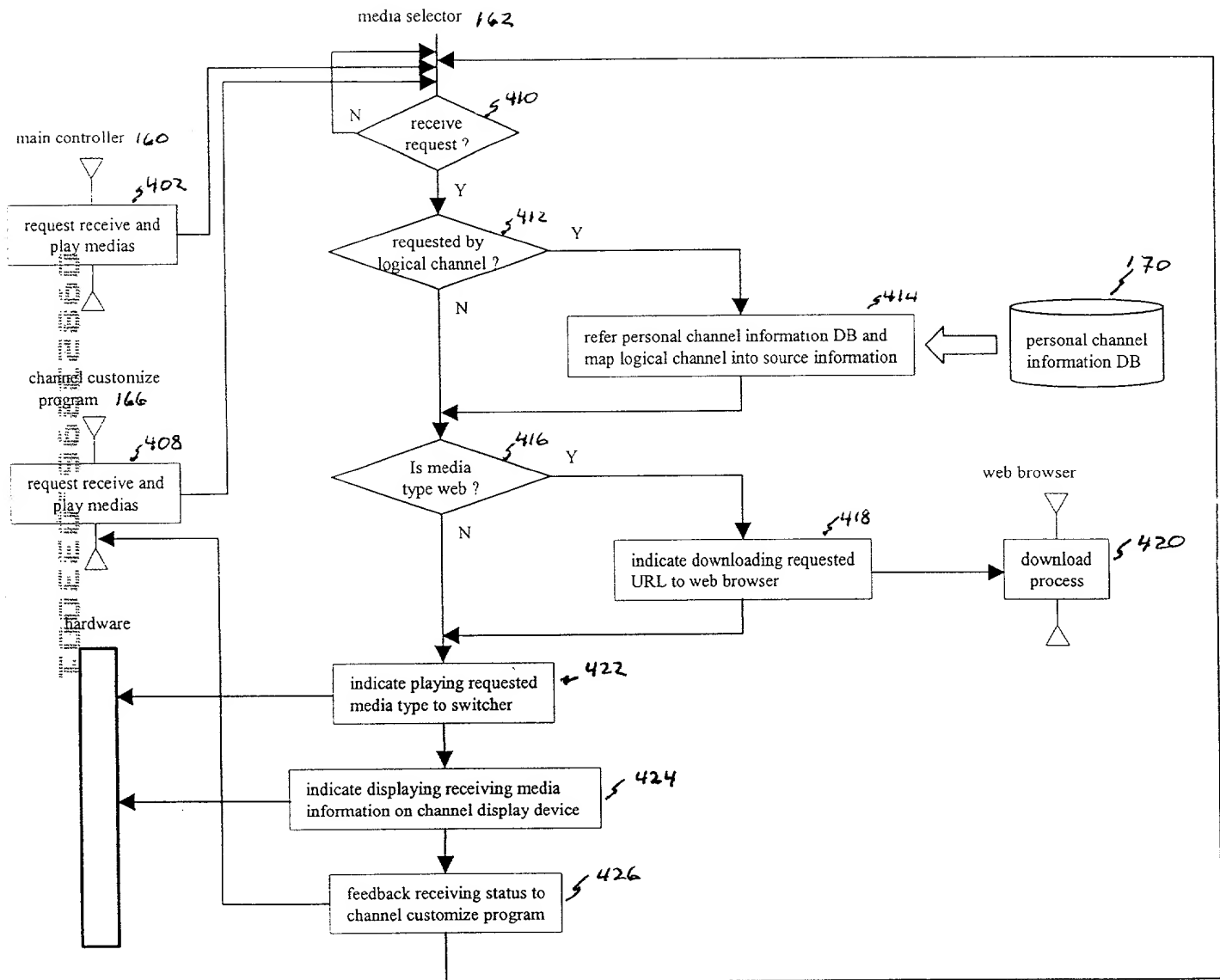


Fig. 21

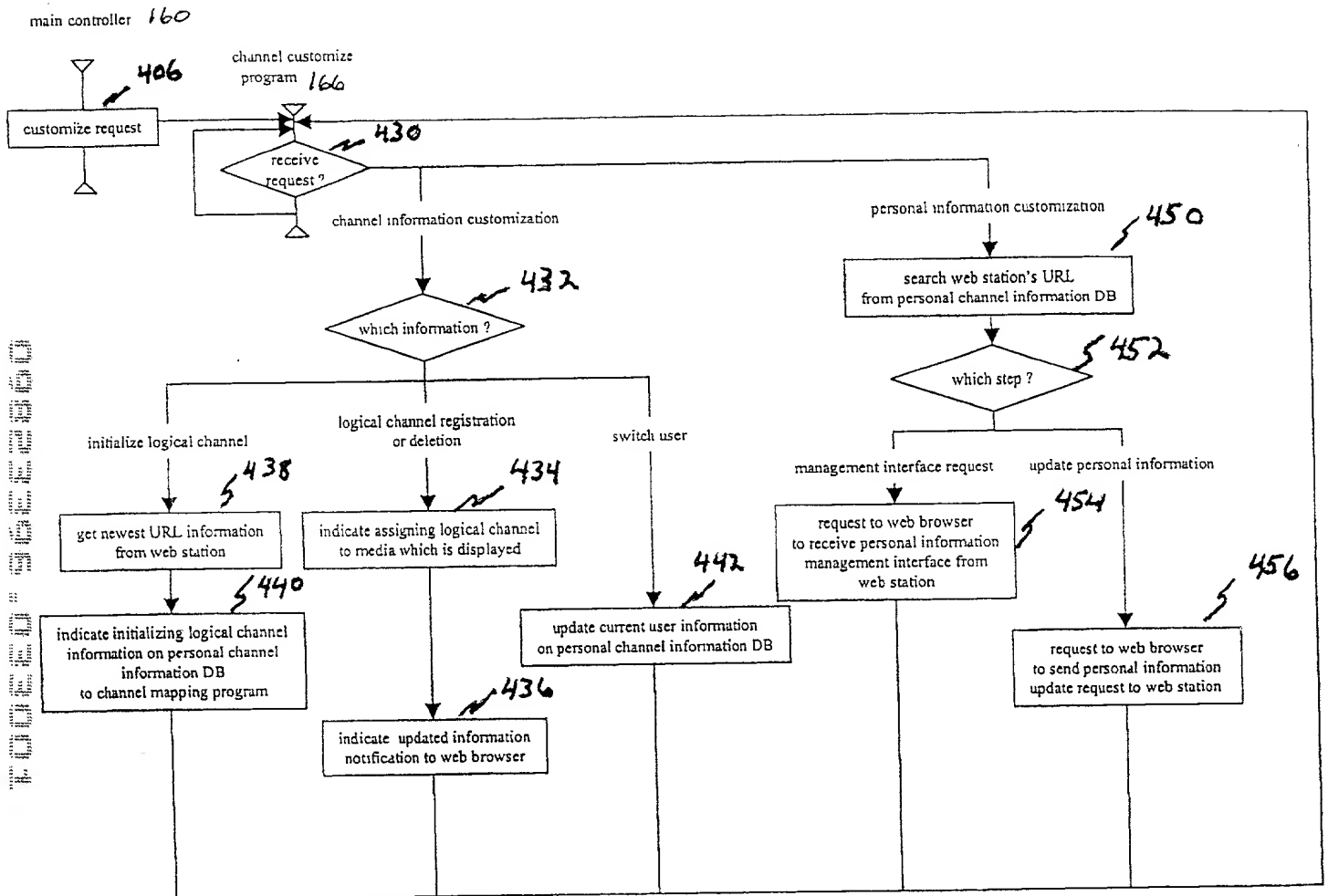


Fig. 22

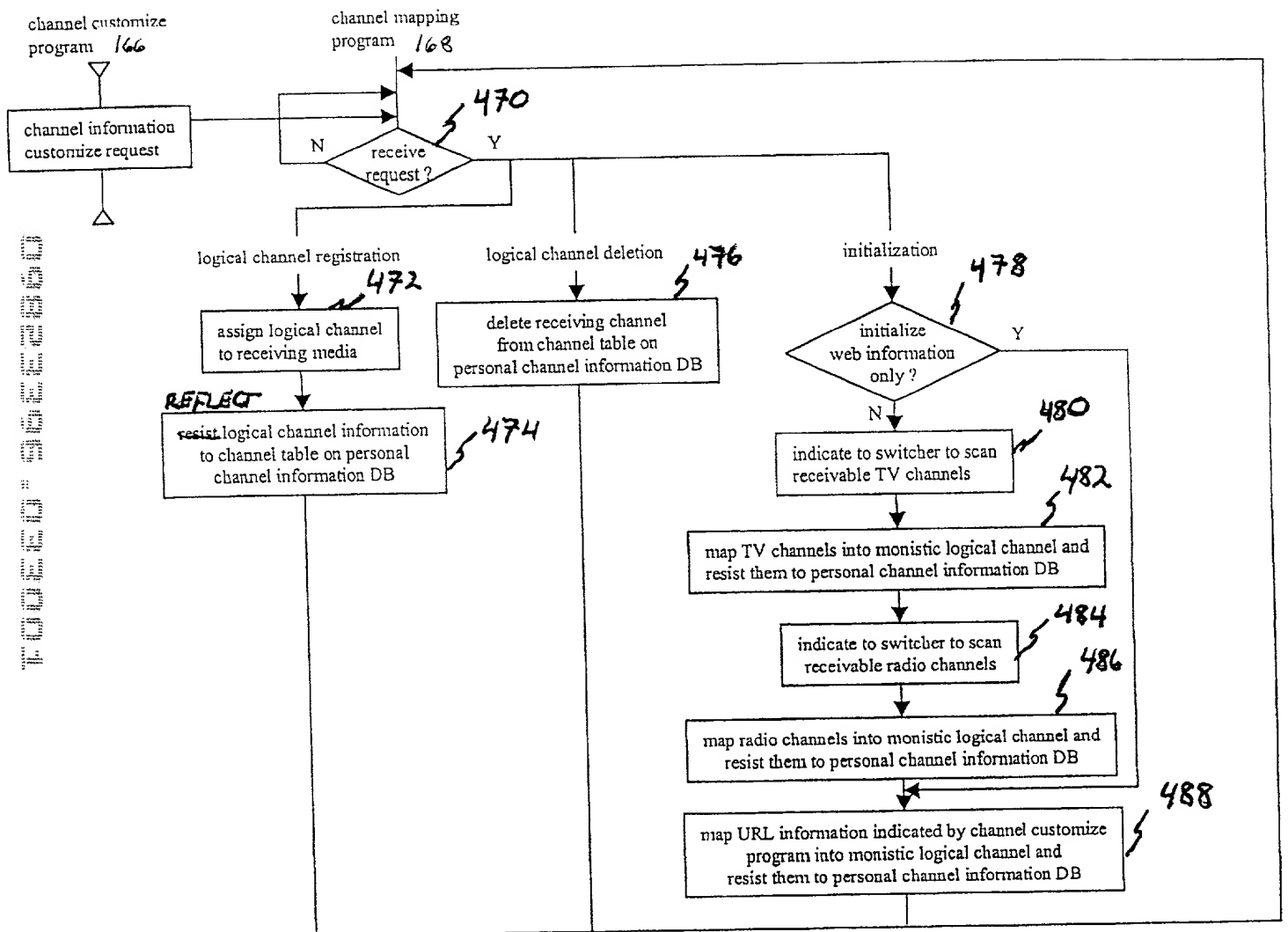


Fig. 23